

**Amendments to the Specification under Revised 37 C.F.R. § 1.121**

Please amend the specification to insert the following paragraph at page 1, line 3:

This application is a continuation of U.S. Application No. 09/284,100, filed April 7, 1999; which claims the benefit of priority of International Application No. PCT/US97/18607, filed October 15, 1997, which was published under PCT Article 21(2) in English; which claims the benefit of priority of U.S. Provisional Application Nos. 60/033,046, filed December 10, 1996; 60/032,781, filed December 6, 1996; and 60/028,493, filed October 15, 1996; the disclosure of each of which is explicitly incorporated by reference herein.

Please amend the specification at page 14, line 34 to page 17, line 6 as follows (double-underlining indicating added matter):

A first class of variant(s) is a group of deletion variants of Cys<sup>37</sup> to Ser<sup>208</sup> of SEQ ID NO:2. These variants include R<sub>1</sub>-[Asn<sup>71</sup>-Pro<sup>203</sup>]-R<sub>2</sub>-COOH proteins, and further include an amino acid sequence comprising NH<sub>2</sub>-[His<sup>72</sup>-Ser<sup>208</sup>]-COOH (also referred to as ΔN35 KGF-2), NH<sub>2</sub>-[Leu<sup>73</sup>-Ser<sup>208</sup>]-COOH (also referred to as ΔN36 KGF-2), NH<sub>2</sub>-[Gln<sup>74</sup>-Ser<sup>208</sup>]-COOH (also referred to as ΔN37 KGF-2), NH<sub>2</sub>-[Gly<sup>75</sup>-Ser<sup>208</sup>]-COOH (also referred to as ΔN38 KGF-2), NH<sub>2</sub>-[Asp<sup>76</sup>-Ser<sup>208</sup>]-COOH (also referred to as ΔN39 KGF-2), NH<sub>2</sub>-[Val<sup>77</sup>-Ser<sup>208</sup>]-COOH (also referred to as ΔN40 KGF-2) and NH<sub>2</sub>-[Arg<sup>78</sup>-Ser<sup>208</sup>]-COOH (also referred to as ΔN41 KGF-2), in which each may be N-terminally methionylated or non-methionylated, provided however that Cys<sup>37</sup> to Ser<sup>208</sup> of SEQ ID NO:2 is excluded.

By “R<sub>1</sub>-[Asn<sup>71</sup>-Pro<sup>203</sup>]-R<sub>2</sub>-COOH” is meant a group of deletion variant(s), wherein [Asn<sup>71</sup>-Pro<sup>203</sup>] represents residues 71 through 203 of SEQ ID NO:2; wherein R<sub>1</sub> represents a methionylated or nonmethionylated amine group of Asn<sup>71</sup> or of amino-terminus amino acid residue(s) selected from the group:

Tyr

Ser-Tyr  
 Arg-Ser-Tyr  
 Val-Arg-Ser-Tyr (SEQ ID NO:9),  
 His-Val-Arg-Ser-Tyr (SEQ ID NO:10),  
 Arg-His-Val-Arg-Ser-Tyr (SEQ ID NO:11),  
 Gly-Arg-His-Val-Arg-Ser-Tyr (SEQ ID NO:12),  
 Ala-Gly-Arg-His-Val-Arg-Ser-Tyr (SEQ ID NO:13),  
 Ser-Ala-Gly-Arg-His-Val-Arg-Ser-Tyr (SEQ ID NO:14),  
 Ser-Ser-Ala-Gly-Arg-His-Val-Arg-Ser-Tyr (SEQ ID NO:15),  
 Pro-Ser-Ser-Ala-Gly-Arg-His-Val-Arg-Ser-Tyr (SEQ ID NO:16),  
 Ser-Pro-Ser-Ser-Ala-Gly-Arg-His-Val-Arg-Ser-Tyr (SEQ ID NO:17),  
 Ser-Ser-Pro-Ser-Ser-Ala-Gly-Arg-His-Val-Arg-Ser-Tyr (SEQ ID NO:18),  
 Phe-Ser-Ser-Pro-Ser-Ser-Ala-Gly-Arg-His-Val-Arg-Ser-Tyr (SEQ ID NO:19),  
 Ser-Phe-Ser-Ser-Pro-Ser-Ser-Ala-Gly-Arg-His-Val-Arg-Ser-Tyr (SEQ ID NO:20),  
 Ser-Ser-Phe-Ser-Ser-Pro-Ser-Ser-Ala-Gly-Arg-His-Val-Arg-Ser-Tyr (SEQ ID NO:21),  
 Ser-Ser-Ser-Phe-Ser-Ser-Pro-Ser-Ser-Ala-Gly-Arg-His-Val-Arg-Ser-Tyr (SEQ ID NO:22),  
 Ser-Ser-Ser-Ser-Phe-Ser-Ser-Pro-Ser-Ser-Ala-Gly-Arg-His-Val-Arg-Ser-Tyr (SEQ ID NO:23),  
 Ser-Ser-Ser-Ser-Ser-Phe-Ser-Ser-Pro-Ser-Ser-Ala-Gly-Arg-His-Val-Arg-Ser-Tyr (SEQ ID NO:24),  
 Asn-Ser-Ser-Ser-Ser-Ser-Phe-Ser-Ser-Pro-Ser-Ser-Ala-Gly-Arg-His-Val-Arg-Ser-Tyr (SEQ ID NO:25),  
 Thr-Asn-Ser-Ser-Ser-Ser-Ser-Phe-Ser-Ser-Pro-Ser-Ser-Ala-Gly-Arg-His-Val-Arg-Ser-Tyr (SEQ ID NO:26),  
 Ala-Thr-Asn-Ser-Ser-Ser-Ser-Ser-Phe-Ser-Ser-Pro-Ser-Ser-Ala-Gly-Arg-His-Val-Arg-Ser-Tyr (SEQ ID NO:27),  
 Glu-Ala-Thr-Asn-Ser-Ser-Ser-Ser-Ser-Phe-Ser-Ser-Pro-Ser-Ser-Ala-Gly-Arg-His-Val-Arg-Ser-Tyr (SEQ ID NO:28),  
 Pro-Glu-Ala-Thr-Asn-Ser-Ser-Ser-Ser-Ser-Phe-Ser-Ser-Pro-Ser-Ser-Ala-Gly-Arg-His-

Val-Arg-Ser-Tyr (SEQ ID NO:29),  
 Ser-Pro-Glu-Ala-Thr-Asn-Ser-Ser-Ser-Ser-Ser-Phe-Ser-Ser-Pro-Ser-Ser-Ala-Gly-Arg-  
 His-Val-Arg-Ser-Tyr (SEQ ID NO:30),  
 Val-Ser-Pro-Glu-Ala-Thr-Asn-Ser-Ser-Ser-Ser-Ser-Phe-Ser-Ser-Pro-Ser-Ser-Ala-Gly-  
 Arg-His-Val-Arg-Ser-Tyr (SEQ ID NO:31),  
 Met-Val-Ser-Pro-Glu-Ala-Thr-Asn-Ser-Ser-Ser-Ser-Ser-Phe-Ser-Ser-Pro-Ser-Ser-Ala-  
 Gly-Arg-His-Val-Arg-Ser-Tyr (SEQ ID NO:32),  
 Asp-Met-Val-Ser-Pro-Glu-Ala-Thr-Asn-Ser-Ser-Ser-Ser-Ser-Phe-Ser-Ser-Pro-Ser-Ser-  
 Ala-Gly-Arg-His-Val-Arg-Ser-Tyr (SEQ ID NO:33),  
 Gln-Asp-Met-Val-Ser-Pro-Glu-Ala-Thr-Asn-Ser-Ser-Ser-Ser-Ser-Phe-Ser-Ser-Pro-Ser-  
 Ser-Ala-Gly-Arg-His-Val-Arg-Ser-Tyr (SEQ ID NO:34),  
 Gly-Gln-Asp-Met-Val-Ser-Pro-Glu-Ala-Thr-Asn-Ser-Ser-Ser-Ser-Ser-Phe-Ser-Ser-Pro-  
 Ser-Ser-Ala-Gly-Arg-His-Val-Arg-Ser-Tyr (SEQ ID NO:35),  
 Leu-Gly-Gln-Asp-Met-Val-Ser-Pro-Glu-Ala-Thr-Asn-Ser-Ser-Ser-Ser-Ser-Phe-Ser-Ser-  
 Pro-Ser-Ser-Ala-Gly-Arg-His-Val-Arg-Ser-Tyr (SEQ ID NO:36),  
 Ala-Leu-Gly-Gln-Asp-Met-Val-Ser-Pro-Glu-Ala-Thr-Asn-Ser-Ser-Ser-Ser-Ser-Phe-Ser-  
 Ser-Pro-Ser-Ser-Ala-Gly-Arg-His-Val-Arg-Ser-Tyr (SEQ ID NO:37),  
 Gln-Ala-Leu-Gly-Gln-Asp-Met-Val-Ser-Pro-Glu-Ala-Thr-Asn-Ser-Ser-Ser-Ser-Ser-Phe-  
 Ser-Ser-Pro-Ser-Ser-Ala-Gly-Arg-His-Val-Arg-Ser-Tyr (SEQ ID NO:38), or  
 Cys-Gln-Ala-Leu-Gly-Gln-Asp-Met-Val-Ser-Pro-Glu-Ala-Thr-Asn-Ser-Ser-Ser-Ser-Ser-  
 Phe-Ser-Ser-Pro-Ser-Ser-Ala-Gly-Arg-His-Val-Arg-Ser-Tyr (SEQ ID NO:39),

and, wherein R<sub>2</sub> represents a carboxy group of Pro<sup>203</sup> or of carboxy-terminal amino acid residues of:

Met

Met-Val

Met-Val-Val

Met-Val-Val-His (SEQ ID NO:40), or

Met-Val-Val-His-Ser (SEQ ID NO:41),

provided however, that R<sub>1</sub> and R<sub>2</sub> are not selected so as to reconstruct Cys<sup>37</sup> to Ser<sup>208</sup> of SEQ ID NO:2.

Please amend the specification at page 21, line 33 to page 22, line 4 as follows (double-underlining indicating added matter):

Exemplary substitutions of KGF-2 and of variant(s) of KGF-2 (particularly R<sub>1</sub>-[Asn<sup>71</sup>-Pro<sup>203</sup>]-R<sub>2</sub>-COOH proteins, and more particularly  $\Delta$ N36 KGF-2,  $\Delta$ N35 KGF-2,  $\Delta$ N34 KGF-2,  $\Delta$ N33 KGF-2,  $\Delta$ N32 KGF-2,  $\Delta$ N31 KGF-2,  $\Delta$ N30 KGF-2,  $\Delta$ N29 KGF-2,  $\Delta$ N28 KGF-2,  $\Delta$ N27 KGF-2 and  $\Delta$ N26 KGF-2, either methionylated or nonmethionylated) are set forth in the following table: